

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)

BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Innovative Window Concepts, LLC 1801 Corporate Drive Boynton Beach, FL 33426

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "1072" Aluminum Single Hung Window – S.M.I.

APPROVAL DOCUMENT: Drawing No. W03-95, titled "Series 1072 Alum. Single Hung Window (S.M.I.)", sheets 1 through 6 of 6, dated 10/20/03, with revision H dated 10/01/13, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA# 12-0301.05 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.

(MIAMI-DADE COUNTY) APPROVED

NOA No. 13-1024.04 Expiration Date: February 19, 2019 Approval Date: December 26, 2013 Page 1

Innovative Window Concepts, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections.
- 2. Drawing No W03-95, Sheets 1 through 6 of 6, titled "Series 1072 Alum. Single Hung Window (S.M.I.)", dated 10/20/03, with revision H dated 10/01/13, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Small Missile Impact Test, per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading, per FBC, TAS 203-94
 - 6) Force Entry Test, per FBC 2411 3.2.1 and TAS 202-94

along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by American Test Lab of South Florida, Test Report No. **ATL-0422.02-03**, dated 07/24/03, signed and sealed by Henry Hattem, P.E. (Submitted under previous NOA# 03-1201.04)

C. CALCULATIONS

- 1. Revised Anchor verification calculations and structural analysis, complying with FBS-2007, prepared by Al-Farooq Corporation, dated 10/20/08, signed and sealed by Humayoun Farooq, P.E.
 - (Submitted under previous NOA#08-1210.02)
- 2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 13-0129.27 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont Butacite® PVB Interlayer" dated 04/11/13, expiring on 12/11/16.
- 2. Notice of Acceptance No. 12–1231.10 issued to Eastman Chemical Company (MA) for their "Saflex Clear and Color Glass Interlayers" dated 03/28/13, expiring on 05/21/16.

Manuel Perez, P.E. Product Control Examiner NOA No. 13-1024.04

Expiration Date: February 19, 2019 Approval Date: December 26, 2013

Innovative Window Concepts, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

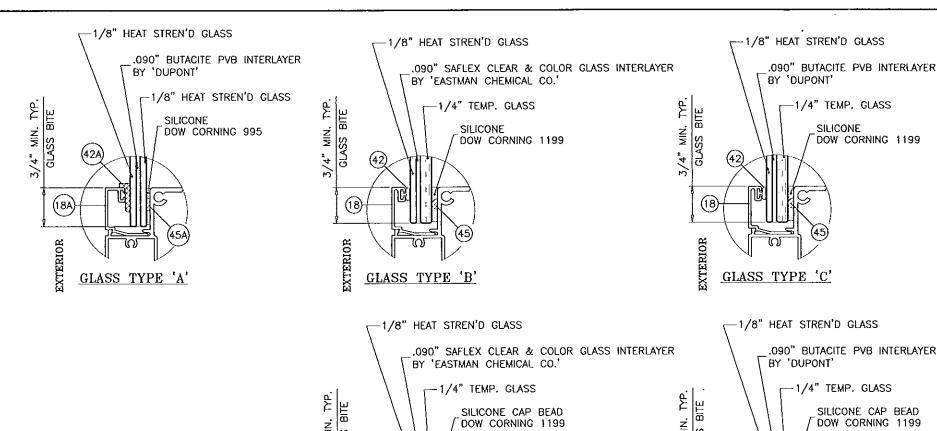
- 1. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated October 02, 2013, signed and sealed by Javad Ahmad, P.E.
- 2. Laboratory compliance letter for Test Report No. ATLSF-0422.02-03, issued by American Test Lab of South Florida, dated 07/24/03, signed and sealed by William R. Mehner, P.E. and Henry Hattem, P.E. (Submitted under previous NOA#03-1201.04)

G. OTHER

1. Notice of Acceptance No. 12-0301.05 issued to Innovative Window Concepts, LLC for their Series "1072" Aluminum Single Hung Window - S.M.I. approved on 05/10/12 and expiring on 02/19/14.

Manuel Perez, P.E. Product Control Examiner NOA No. 13-1024.04

Expiration Date: February 19, 2019 Approval Date: December 26, 2013



GLAZING OPTIONS

GLASS TYPE 'B'

GLAZING TAPE 1/8" X 1/2" FOAM

MANUF. BY RE BROWN

SERIES 1072 ALUMINUM SINGLE HUNG WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEETS 2 & 3.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF S.H./S.H. OR SINGLE HUNG WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ)

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

WINDOWS RATED FOR SMALL MISSILE IMPACT. SHUTTERS REQUIRED FOR INSTALLATIONS UP TO 30 FT. OF GRADE SHUTTERS NOT REQUIRED FOR INSTALLATIONS ABOVE 30 FT.

GLASS TYPE 'C'

Engr: JAVAD AHMAD CIVIL FLA. PE # 70592 C.A.N. 3538

as complying with the Florida Building Code Acceptance No 13-1024. C Expiration Date Foo. 19.0 Miami Dade Product Confrol

PRODUCT REVISED

GLAZING TAPE

-1/8" X 1/2" FOAM MANUF. BY RE BROWN

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 331.74 (S.M.I.)

C

CONCEPTS, WINDOW INNOVATIVE WINDOW CONCEPT 1801 CORPORATE DRIVE BOYNTON BEACH, FL. 33426 TEL. (561) 493-2303 FAX. (561) 4 HUNG SINGLE

1072

1/2"=1'-0" HAMID څ scale: Ą.

drawing no.

W03 - 95sheet 1 of 6

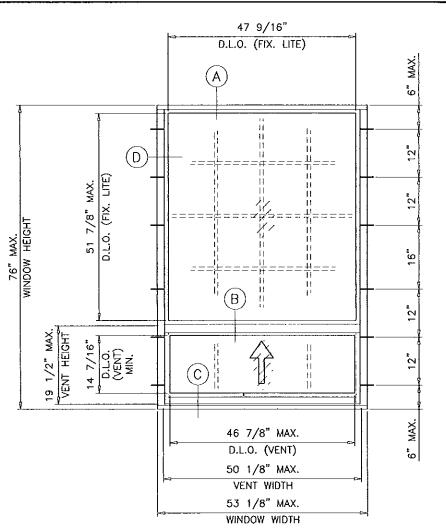
ſ	UNEQUAL LITES WINDOWS									
ſ	DESIGN LOAD CAPACITY - PSF									
Ī	STD. ANCHOR SPACING									
	FLANGE	E DIMS.	GLASS T	YPE 'A'	GLASS TYPES 'B' & 'C'					
[WIDTH HEIGHT		EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)				
Į	19-1/8"		80.0	90.0	90.0	160.0				
	24"		80.0	90.0	90.0	160.0				
1	26-1/2"		80.0	90.0	90.0	160.0				
	32"	50-5/8"	80.0	90.0	90.0	160.0				
	37"	(4)	80.0	90.0	90.0	138.4				
1	40"		80.0	90.0	90.0	128.0				
	48"		80.0	90.0	90.0	106.7				
	53-1/8"		80.0	90.0	90.0	96.4				
	19-1/8"		0.08	90.0	90.0	160.0				
	24"		80.0	90.0	90.0	160.0				
	26-1/2"		80.0	90.0	90.0	160.0				
	32"	63"	80.0	90.0	90.0	160.0				
	37"	(5)	80.0	90.0	90.0	139.0				
	40"		80.0	90.0	90.0	128.6				
	48"		l	-	90.0	107.1				
	53-1/8"		_	_	90.0	96.8				
	19-1/8"		80.0	90.0	90.0	160.0				
	24"		80.0	90.0	90.0	160.0				
	26-1/2"		80.0	90.0	90.0	160.0				
	32"	76"	80.0	90.0	90.0	159.9				
	37"	(6)	-		90.0	138.3				
	40"			-	90.0	127.9				
	48"		_	-	90.0	106.6				
	53-1/8"		_	–	90.0	96.3				
	19-1/8"		80.0	90.0	90.0	160.0				
	24"		80.0	90.0	90.0	160.0				
	26-1/2"	84"	80.0	90.0	90.0	160.0				
	32"	(7)		_	90.0	140.0				
	37"	1	l		90.0	140.0				
	40"		_	_	90.0	135.0				
	19-1/8"		80.0	90.0	90.0	160.0				
	24*	06"	80.0	90.0	90.0	160.0				
	26-1/2"	96"	_	-	90.0	160.0				
	32"	(8)		-	90.0	140.0				
	37"				90.0	140.0				

UNEQUAL LITES WINDOWS							
DESIGN LOAD CAPACITY - PSF							
EXTRA JAMB ANCHOR							
FLANGI	E DIMS.	GLASS TYPES 'B' & 'C'					
WIDTH	HEIGHT	EXT.(+)	1NT.(-)				
19-1/8"		90.0	160.0				
24"		90.0	160.0				
26-1/2"		90.0	160.0				
32"	50-5/8"	90.0	160.0				
37"	(6)	90.0	160.0				
40"		90.0	160.0				
48"		90.0	158.8				
53-1/8"		90.0	137.0				
19-1/8"		90.0	160.0				
24"		90.0	160.0				
26-1/2"		90.0	160.0				
32"	63"	90.0	160.0				
37"	(7)	90.0	160.0				
40"		90.0	160.0				
48"		90.0	140.0				
53-1/8"		90.0	125.6				
19-1/8"		90.0	160.0				
24"		90.0	160.0 160.0				
26-1/2"	:	90.0					
32"	76"	90.0	140.0				
37"	(8)	90.0	140.0				
40"		90.0	140.0				
48"		90.0	140.0				
53-1/8"		90.0	123.8				

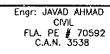
^{*} NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.

* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.

NOTE: GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219



UNEQUAL LITES (ORIEL TYPE)



PRODUCT REVISED
as complying with the Florida
Building Code

Building Code
Acceptance No 13-1024.04
Expiration Date Feb. 13.20
By Malle Stranding Mianni Dade Product Control

| date: 10-20-| scale: 1/2"=1' | dr. by: HAMID | chk. by:

1/2"*1'-0" 10-20-03

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX. (305) 262-6978

SERIES 1072 ALUM SINGLE HUNG WINDOW (S.M.I.)

INNOVATIVE WINDOW CONCEPTS, LLC
1801 CORPORATE DRIVE
BOYNTON BEACH, FL. 33426
TEL. (561) 493-2303 FAX. (561) 493-2302

drawing no. W03 - 95sheet 2 of 6

TYPICAL ELEVATION

	FOII	AL LITE	re wini	OWS			FOI	IAT TIP	ES WINI	
-						╽┝	<u>-</u>		CAPACITY	
	DESIG	SN LOAD C			1	┞	DESI	GN LUAD		
FLANGE	אות י	CIACCI		OR SPACING	S 'B' & 'C'		FLANGI	e DING	EXTRA JAM GLASS TYPE	
WIOTH	HEIGHT	EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	╽┟	WIDTH	HEIGHT	EXT.(+)	1NT.(-)
19-1/8"	TIEIGITI	80.0	90.0	90.0	160.0	╽┟	19-1/8"	TILIOTTI	90.0	160.0
24"		80.0	90.0	90.0	160.0		24"		90.0	160.0
26-1/2"		80.0	90.0	90.0	160.0		26-1/2"		90.0	160.0
32"	26"	80.0	90.0	90.0	155.8		32"	26"	90.0	160.0
37"	(2)	80.0	90.0	90.0	134.7		37"	(3)	90.0	160.0
40"		80.0	90.0	90.0	124.6		40"		90.0	160.0
48"		80.0	90.0	90.0	103.8		48"		90.0	155.8
53-1/8"		80.0	90.0	90.0	93.8	$\ \ $	53-1/8"		90.0	140.7
19-1/8"		80.0	90.0	90.0	160.0	11	19-1/8"		90.0	160.0
24"		80.0	90.0	90.0	160.0		24"		90.0	160.0
26-1/2"		80.0	90.0	90.0	160.0	11	26-1/2"		90.0	160.0
32"	38-3/8"	80.0	90.0	90.0	158.3	11	32"	38-3/8"	90.0	160.0
37"	(3)	80.0	90.0	90.0	136.9		37"	(5)	90.0	160.0
40"	V=7	80.0	90.0	90.0	126.6		40"	\-'	90.0	160.0
48"		80.0	90.0	90.0	105.5		48"		90.0	160.0
53-1/8"		80.0	90.0	90.0	95.4		53-1/8"		90.0	158.9
19-1/8"		80.0	90.0	90.0	160.0	1	19-1/8"		90.0	160.0
24"		80.0	90.0	90.0	160.0	11	24"		90.0	160.0
26-1/2"		80.0	90.0	90.0	160.0	11	26-1/2"		90.0	160.0
32"	50-5/8"	80.0	90.0	90.0	160.0	11	32"	50-5/8"	90.0	160.0
37"	(4)	80.0	90.0	90.0	138.4	11	37"	(6)	90.0	160.0
40"		80.0	90.0	90.0	128.0	11	40"		90.0	160.0
48"		80.0	90.0	90.0	106.7	11	48"		90.0	156.3
53-1/8"		80.0	90.0	90.0	96.4		53-1/8"		90.0	135.2
19-1/8"		80.0	90.0	90.0	160.0	1 [19-1/8"		90.0	160.0
24"		80.0	90.0	90.0	160.0		24"		90.0	160.0
26-1/2"		80.0	90.0	90.0	160.0		26-1/2"		90.0	160.0
32"	63"	80.0	90.0	90.0	160.0	11	32"	63"	90.0	160.0
37"	(5)	80.0	90.0	90.0	139.0		37"	(7)	90.0	160.0
40"		80.0	90.0	90.0	128.6		40"		90.0	160.0
48"		80.0	90.0	90.0	107.1		48"		90.0	138.7
53-1/8"		80.0	90.0	90.0	96.8		53-1/8"		90.0	118.3
19-1/8"		80.0	90.0	90.0	160.0		19-1/8"		90.0	160.0
24"		80.0	90.0	90.0	160.0	$\ \ $	24"		90.0	160.0
26-1/2"		80.0	90.0	90.0	160.0		26-1/2"		90.0	160.0
32"	76"	80.0	90.0	90.0	159.9		32"	76*	90.0	160.0
37"	(6)	80.0	90.0	90.0	138.3]]	37"	(8)	90.0	160.0
40"]	80.0	90.0	90.0	127.9		40"		90.0	160.0
48"		80.0	90.0	90.0	106.6	$\ \ $	48"		90.0	129.1
53-1/8"		80.0	90.0	90.0	96.3	.	53-1/8"		90.0	108.2
19-1/8"		80.0	90.0	90.0	160.0]	19-1/8"		90.0	160.0
24"		80.0	90.0	90.0	160.0	11	24"		90.0	160.0
26-1/2"		80.0	90.0	90.0	160.0]]	26-1/2"		90.0	160.0
32"	84"	80.0	90.0	90.0	160.0	↓]	32"	84"	90.0	160.0
37"	(7)	80.0	90.0	90.0	145.9	↓	37"	(8)	90.0	160.0
40"		80.0	90.0	90.0	135.0	↓	40"		90.0	154.3
48"	ļ	80.0	90.0	90.0	112.5	↓	48"		90.0	126.4
19-1/8"	}	80.0	90.0	90.0	160.0		19-1/8"	[90.0	160.0
24"		80.0	90.0	90.0	160.0		24"	1	90.0	160.0
26-1/2"	}	80.0	90.0	90.0	160.0		26-1/2"		90.0	160.0
32"	96"	80.0	90.0	90.0	160.0	↓ [32"	96"	90.0	160.0
37"	(8)	80.0	90.0	90.0	145.9		37"	(9)	90.0	160.0
40"		80.0	90.0	90.0	135.0		40"		90.0	151.9

	FALSE MUNTINS	47 9/16" D.L.O. (FIX. LITE)	پ
- 	(SURFACE APPLIED) — OPTIONAL	A	6" MAX.
	MAX.		12"
Ŧ	33 1/8" MAX. D.L.O. (FIX. LITE)	B	12"
76" MAX. WINDOW HEIGHT	8		16"
IIM	38 1/4" MAX. VENT HEIGHT 33 3/16" MAX. D.L.O. (VENT)		12"
	38 VEN VEN D.L.		12"
<u> </u>	Y.	46 7/8" MAX. D.L.O. (VENT)	6" MAX.
		50 1/8" MAX. VENT WIDTH 53 1/8" MAX. WINDOW WIDTH	

TYPICAL ELEVATION

EQUAL LITES

GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

Engr: JAVAD AHMAD CiVIL FLA. PE # 70592 C.A.N. 3538

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 13-1024-04
Expiration Date Feb. 191, 2019
By Molluck Control

date: 10-20-03 scale: 1/2"=1'-0" dr. by: HAMID chk. by: drawing no. W03-95 sheet 3 of 6

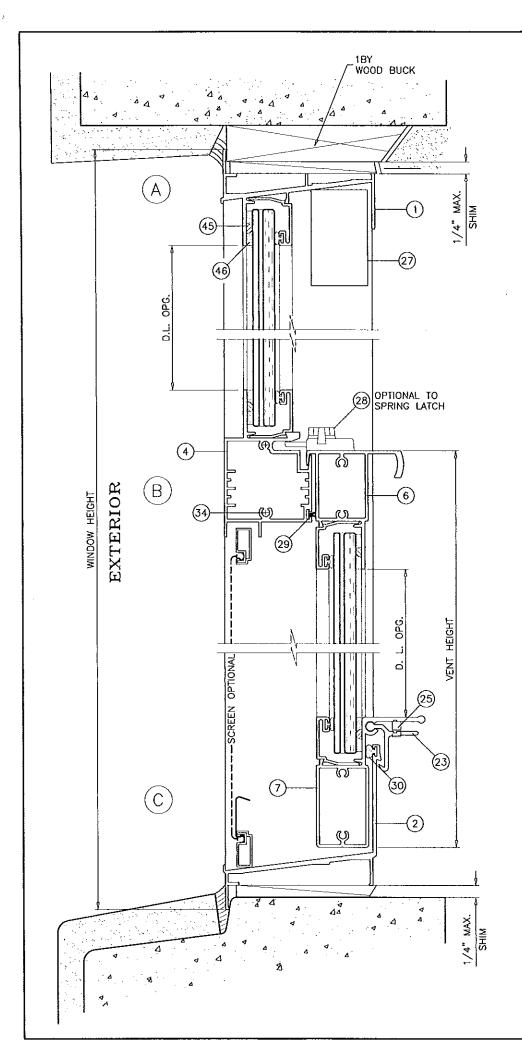
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100
FAX. (305) 262-6978

SERIES 1072 ALUM SINGLE HUNG WINDOW (S.M.I.)

INNOVATIVE WINDOW CONCEPTS, LLC
1801 CORPORATE DRIVE
BOYNTON BEACH, FL. 33426

TEL (561) 493-2303 FAX. (561) 493-2302

* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.



WOOD BUCKS AND METAL STRUCTURE NOT BY I.W.C. MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES 1-1/2" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO METAL STRUCTURES

STEEL: 12 GA. MIN. (Fy = 36 KSI MIN.) ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.) (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#12 SMS OR SELF DRILLING SCREWS

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090") (NO SHIM SPACE)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2-1/2" MIN. INTO WOOD STRUCTURE = 1" MIN. INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE f'c = 3000 PSI MIN. MASONRY f'm = 1500 PSI MIN.

SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SCHNEE MOREHEAD SEAM SEALER SM5504.

Engr: JAVAD AHMAD CIVIL FLA. PE # 70592 C.A.N. 3538

PRODUCT REVISED as complying with the Florida Building Code

Acceptance No 13-102 Expiration Date Miami Dade Product Control-

AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 1235 S.W. 87 AVE MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAY (2015) 262-61100

INNOVATIVE WINDOW CONCEPTS, 1801 CORPORATE DRIVE BOYNTON BEACH, FL. 33426 TEL. (561) 493-2303 FAX. (561) 493-2

SINGLE HUNG

N N O O

1/2" <u>ج</u> Ą.

drawing no. W03 - 95

sheet 4 of 6

